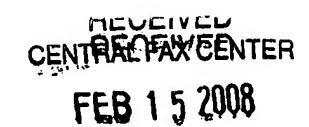
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Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (CURRENTLY AMENDED) Method for determination of characteristics and/or classification of circulating macrophages and/or peripheral mononuclear blood cells comprising the steps of:

taking whole blood and gradient centrifugation for isolating macrophages, peroration perforation and said macrophage cells[[,]];

intracellular staining of said cells with at least one selected antibody; and

flow cytometric analysis of said pre-treated cells comprising subsequent statisticalevaluation counting and analysis of physical and molecular characteristics of a plurality of cells.

- 2. (CURRENTLY AMENDED) Method of claim 1, wherein the use of said at least one selected antibody comprises prostate-specific antigen (PSA), cytokeratin and/or or epithelial membrane antigen as said selected antibody/ies.
- 3. (CURRENTLY AMENDED) Method of claim 1, wherein, after carrying out flow cytometry, performing wherein histogram analysis of the isotype control and staining of said cells after carrying out flow cytometry.

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- 4. (PREVIOUSLY PRESENTED) Method of claim 1 for detecting parts of tissue cells uptaken by phagocytosis of a scattered prostate tumor outside the human body.
- 5. (CURRENTLY AMENDED) Method of claim 4, wherein it is determined by said staining of PSA in said macrophages, it is determined whether said material taken up by phagocytosis is prostate relevant.
- 6. (CURRENTLY AMENDED) Analysis arrangement of A kit for carrying out said method of claim 1 comprising means for heparinizing drained blood, a gradient centrifuge for isolating macrophages, means for cell perforation, a device for intracellular staining of said pretreated cells with fluorochrome antibodies and a flow cytometer comprising a computer supported evaluation unit for determining the intracellular structure of the isolated and pretreated cell for the purpose of early diagnostic of tumors.